



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** **of** **2**

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| Application Number | 10/666,687 |
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| Filing Date | September 18, 2003 |
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| First Named Inventor | Frank Jan Bossen |
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| Art Unit | 2819 |
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| Examiner Name | Jean Bruner Jeanglaude |
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| Attorney Docket Number | 6655P002 |
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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| Examiner Signature | <i>Kan Bruce Handland</i> | Date Considered | 10/05/04 |
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| Sheet | 2 | of | 2 | Attorney Docket Number | 6655P002 |

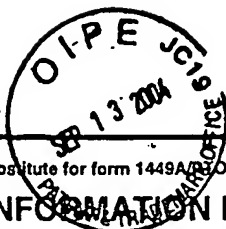
| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------|---|----|
| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T‡ |
| JBZ | A | HASKELL, B. et al., "Digital Video: An Introduction to MPEG-2," 1999, Digital Multimedia Standards Series, Kluwer Academic Publ., Boston, Massachusetts, U.S.A., | |
| JBZ | | XP002270324, ISBN: 0-412-08411-2, pp. 370-381 <i>No date</i> | |
| JBZ | B | "Line Transmission of Non-Telephone Signals Video Coding for Low Bitrate Communication," ITU-T Draft Recommendation H.263, May 2, 1996, XP001025117 | |
| JBZ | C | "Recommendation H.263: Video Coding for Low Bit Rate Communication," ITU-T Draft Recommendation H.263, February, 1998, XP002176560 | |
| JBZ | D | SULLIVAN, G., "Draft for H.263++ Annexes U, V, and W to Recommendation H.263," ITU-T H.263++ Draft for H.263++ Annexes U, V, and W to Recommendation H.263, <i>No date</i> | |
| JBZ | | November 2000, XP000986538 | |
| JBZ | E | HOFFMAN, R. "Data Compression in Digital Systems: Section 4.5: Arithmetic Coding," 1997, Digital Multimedia Standards Series, New York, New York, U.S.A., Chapman & | |
| JBZ | | Hall, XP002270325, ISBN: 0-412-08551-8, pp. 60-63 <i>No date</i> | |
| JBZ | F | SALOMON, D., "Data Compression: The Complete Reference; Section 2.14, 2.15: (Adaptive) Arithmetic Coding," 1998, New York, New York, U.S.A., Springer, | |
| JBZ | | XP002270343, ISBN: 0-387-98280-9, pp. 69-84 <i>No date</i> | |
| JBZ | G | PCT Search Report mailed March 8, 2004, International Application No. PCT/US 03/29690, 6 pages | |
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| | | | | Examiner Name | Jean Bruner Jeanglaude |
| Sheet | 1 | of | 2 | Attorney Docket Number | 6655P002 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------|--------------------------------|---|--|---|
| Examiner Initials* | Cite No.† | Document Number | Publication Date or Issue Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T* |
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| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | T* |
| JBJL | A | HASKELL, B. et al., "Digital Video: An Introduction to MPEG-2," 1999, Digital Multimedia Standards Series, Kluwer Academic Publ., Boston, Massachusetts, U.S.A., | | |
| JBJL | | XP002270324, ISBN: 0-412-08411-2, pp. 370-381 <i>N = date</i> | | |
| JBJL | B | "Line Transmission of Non-Telephone Signals Video Coding for Low Bitrate Communication," ITU-T Draft Recommendation H.263, May 2, 1996, XP001025117 | | |
| JBJL | C | "Recommendation H.263: Video Coding for Low Bit Rate Communication," ITU-T Draft Recommendation H.263, February, 1998, XP002176560 | | |
| JBJL | D | SULLIVAN, G., "Draft for H.263++ Annexes U, V, and W to Recommendation H.263," ITU-T H.263++ Draft for H.263++ Annexes U, V, and W to Recommendation H.263, <i>N = date</i> | | |
| JBJL | | November 2000, XP000986538 | | |
| JBJL | E | HOFFMAN, R. "Data Compression in Digital Systems: Section 4.5: Arithmetic Coding," 1997, Digital Multimedia Standards Series, New York, New York, U.S.A., Chapman & | | |
| JBJL | | Hall, XP002270325, ISBN: 0-412-08551-8, pp. 60-63 <i>N = date</i> | | |
| JBJL | F | SALOMON, D., "Data Compression: The Complete Reference; Section 2.14, 2.15: (Adaptive) Arithmetic Coding," 1998, New York, New York, U.S.A., Springer, | | |
| JBJL | | XP002270343, ISBN: 0-387-98280-9, pp. 69-84 <i>N = date</i> | | |
| JBJL | G | PCT Search Report mailed March 8, 2004, International Application No. PCT/US 03/29690, 6 pages | | |
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